



09/852,270. Cofc

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Sokolov et al.

Attorney Docket No.: SUN1P819/P5683

Patent: 6,959,430 B2

Issued: October 25, 2005

Title: SPECIALIZED HEAPS FOR CREATION  
OF OBJECTS IN OBJECT-ORIENTED  
ENVIRONMENTS

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on March 17, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Aurelia M. Sanchez

**REQUEST FOR CERTIFICATE OF CORRECTION  
OF OFFICE MISTAKE  
(35 U.S.C. §254, 37 CFR §1.322)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: Certificate of Correction

**Certificate**

**MAR 24 2006**

**of Correction**

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where the errors are shown correctly in the application file are as follows:

**CLAIMS:**

1. In line 3 of claim 1 (column 5, line 40) delete "d" at end of line. This appears correctly in Amendment B as filed on January 10, 2005, on page 3, paragraph 1, line 3, as claim 10.
2. In line 4 of claim 1 (column 5, line 41) change "signated" to --designated--. This appears correctly in Amendment B as filed on January 10, 2005, on page 3, paragraph 1, line 3, as claim 10.

**MAR 27 2006**

Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. SUN1P819).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



R. Mahboubian  
Registration No. 44,890

P.O. Box 70250  
Oakland, CA 94612-0250  
650-961-8300

MAR 27 2006

10. (Currently Amended) A method for creating Java objects in a heap memory which is used by a virtual machine, said method comprising:

generating, by said virtual machine, a plurality of designated Java heap portions which are each designated for storing objects that have similar class-traits, wherein said plurality of designated Java heaps include a first designated heap portion that is designated to store objects associated with a first class name, and a second designated heap portion that is designated to store objects associated with a second class name, and wherein said first and second class names are different;

receiving, by said virtual machine, a Java Bytecode that represents an instruction for creating a first Java object of said first class name;

translating [[a]] , by said virtual machine, said Java Bytecode into one or more commands, said Java Bytecode representing an instruction for creating a Java object, and wherein said one or more commands can operate to allocate said first Java object in [[a]] said first designated heap portion of heap designated for said object; and

receiving, by said virtual machine, another Java Bytecode representing an instruction for creating a second Java object of said second class name;

translating, by said virtual machine, said other Java Bytecode into one or more other commands, and wherein said one or more other commands can operate to allocate said second Java object in said second designated heap portion;

executing, by said virtual machine, said one or more commands to create said first object in said first designated heap portion of said heap associated with said object; and

executing said other one or more commands to create said second object in said second designated heap portion.

11. (Original) A method as recited in claim 10, wherein said method further comprises:

marking a Java Bytecode representing an instruction for creating a Java object.

12. (Original) A method as recited in claim 11,  
wherein said marking is performed at compile time; and  
wherein said one or more commands are created at compile time.

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(Also Form PT-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,959,430 B2

DATED : October 25, 2005

INVENTOR(S) : Sokolov et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

**In the Claims:**

In line 3 of claim 1 (column 5, line 40) delete "d" at end of line.

In line 4 of claim 1 (column 5, line 41) change "signated" to --designated--.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,959,430 B2

**R. Mahboubian**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 70250  
Oakland, CA 94612-0250

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